

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	96	(221/201).OCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2010/03/11 20:11
L2	171	(221/203).OCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2010/03/11 20:11
L3	359	(221/265).OCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2010/03/11 20:14
S1	287	(221/15).OCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2008/06/05 01:57
S2	25064	(221/1-312C).OCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2008/06/05 01:58
S3	1761	(700/231-244).OCLS.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2008/06/05 01:59
S4	107411	S3 OR "L4"	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2008/06/05 01:59
S5	26494	S3 OR S2	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2008/06/05 02:00
S6	2828	S5 tim\$3.CLIM.	US-PGPUB; USPAT; JPO; DERWENT	AND	OFF	2008/06/05 02:00
S7	1912	S6 (dispens\$3 OR discharg \$3).CLIM.	US-PGPUB; USPAT; JPO; DERWENT	AND	OFF	2008/06/05 02:19
S8	1312	S7 (hand OR held OR hand-held)	US-PGPUB; USPAT; JPO; DERWENT	AND	OFF	2008/06/05 02:20
S9	188	S8 display\$3.CLIM.	US-PGPUB; USPAT; JPO; DERWENT	AND	OFF	2008/06/05 02:20
S10	4	((("4,653,668") or ("5,805,051")).PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2008/06/05 02:22
S11	6	("2233317").PN.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2008/06/05 02:23

S12	0	GB2233317	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2008/06/05 02:24
S13	0	GB2233317	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/05 02:24
S14	2	"GB 2233317"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/06/05 02:24
S15	117	("3911856"   "4034757"   "4038937"   "4158411"   "4223801"   "4275384"   "4295567"   "4361408"   "4367955").PN. OR ("4419016").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 02:25
S16	1	10/561,137	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 02:26
S17	0	("2007/0138195").URPN.	USPAT	OR	OFF	2008/06/05 02:27
S18	62	("3815780"   "3911856"   "3985264"   "3998356"   "4207992"   "4223801"   "4275384"   "4360125"   "4473884"   "4572403"   "4573606"   "4674651"   "4695954"   "4809877"   "4811764"   "4838453"). PN. OR ("5176285"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 02:51
S19	71	("3369697"   "3727794"   "3998356"   "4207992"   "4223801"   "4572403"). PN. OR ("4674651"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 02:54
S20	26	("1577592"   "1744854"   "4207992"   "4572403"   "4674651"   "4748600"   "4809877"   "4911327"   "5000343"   "5004966"). PN. OR ("5323929"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 02:58

S21	27	("4572403"   "4573606"   "4674651"   "4695954"   "4748600"   "4785969"   "4838453"   "4911327"   "5014875"   "5044516"   "5176285"   "5246136"   "5323929"   "5372276"   "5564593"   "5582323"   "5915589"   "5971594"   "6021918"   "6145697"   "6216910"   "6304797"). PN. OR ("6510962"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 03:13
S22	25	(US-20070138195-\$ or US-20070170199-\$ or US-20060071011-\$ or US-20030127463-\$).did. or (US-4653668-\$ or US-5805051-\$ or US-4419016-\$ or US-4361408-\$ or US-6545592-\$ or US-5751661-\$ or US-6729330-\$ or US-6084504-\$ or US-5405045-\$ or US-4748600-\$ or US-5176285-\$ or US-5609268-\$ or US-4674651-\$ or US-5673812-\$ or US-5323929-\$ or US-6510962-\$ or US-7269476-\$ or US-6145697-\$ or US-6021918-\$ or US-5915589-\$).did. or (GB-2233317-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2008/06/17 19:36
S23	25	(US-20070138195-\$ or US-20070170199-\$ or US-20060071011-\$ or US-20030127463-\$).did. or (US-4653668-\$ or US-5805051-\$ or US-4419016-\$ or US-4361408-\$ or US-6545592-\$ or US-5751661-\$ or US-6729330-\$ or US-6084504-\$ or US-5405045-\$ or US-4748600-\$ or US-5176285-\$ or US-5609268-\$ or US-4674651-\$ or US-5673812-\$ or US-5323929-\$ or US-6510962-\$ or US-7269476-\$ or US-6145697-\$ or US-6021918-\$ or US-5915589-\$).did. or (GB-2233317-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2008/06/17 22:27
S24	2	("2957503").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/17 05:08

S25	2	("4653668").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/17 05:12
S26	10	"1643955"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/17 05:12
S27	2	("20070095851").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/17 05:13
S28	24	("20030127463"   "20070145065"   "4419016"   "4939705"   "5915589"   "6021918"   "6148815"   "6249717"   "6328037"   "6510962"   "7198172").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/17 05:17
S29	14	("4653668"   "4939705"   "5300042"   "5751661"   "5805051"   "6131765"   "6761161").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/17 05:18
S30	41	("3004566"   "3067787"   "3182694"   "3189222"   "3300090"   "3409172"   "3480182"   "3604593"   "3620413"   "3622041"   "3637109"   "3833147"   "3896968").PN. OR ("4653668").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/17 05:21
S31	6	("3189222").URPN.	USPAT	OR	OFF	2009/08/17 05:23
S32	0	"10311460"	USPAT	OR	OFF	2009/08/17 05:27
S33	4	"10311460"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/17 05:27
S34	12	("20040182879"   "3042257"   "3189222"   "3412897"   "3481513"   "4648529"   "5040675"   "6029850").PN. OR ("7487885").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/17 05:29
S35	45	("1470199"   "1554066"   "1974332"   "2369232"   "2443861"   "2518986"   "2681529"   "2794289"   "3888113"   "3910461"   "3932141"   "4101284"   "4226335"   "4320087"   "4405060"   "4415098"   "4428146"   "4450647"   "4483092").PN. OR ("4648529").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/17 05:32

S36	5	("3042257").URPN.	USPAT	OR	OFF	2009/08/17 05:37
S37	13	("3480182").URPN.	USPAT	OR	OFF	2009/08/17 05:56
S38	1	11/484409	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/17 07:36
S39	6	10/880,269	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/08/17 07:40
S40	18	("2957503"   "3189222"   "3637109"   "3833147"   "4653668"   "4887738"   "5805051").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/04 19:43
S41	2	("6148815").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/04 19:45
S42	30961	dispens\$3 stor\$3 open\$3 tim\$3 period display\$3 control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/09/04 19:47
S43	0	dispens\$3 stor\$3 open\$3 tim\$3 period display\$3 control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	WITH	OFF	2009/09/04 19:47
S44	33	dispens\$3 stor\$3 open\$3 tim\$3 period display\$3 control\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	SAME	OFF	2009/09/04 19:47
S45	39	("20010028308"   "20020070227"   "20020104848"   "20020133061"   "20030192534"   "20050005934"   "20050081846"   "20050161467"   "4223801"   "4419016"   "4588303"   "5363842"   "5392952"   "5408443"   "5412372"   "5505195"   "5583832"   "5642731"   "5666492"   "5809997"   "5823178"   "5921920"   "6012450"   "6014969"   "6018289"   "6032155"   "6102855"   "6148815"   "6198383"   "6202642"   "6252494"   "6304797"   "6335907"   "6390088"   "6435175"   "6529446"   "6752145"   "6958691"   "6990975").PN. OR ("7495546").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/04 19:49

S46	2	("5363842").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/04 19:57
S47	1	S46 tim\$3 control\$4 time	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/09/04 19:58
S48	1	S46 tim\$3 control\$4 time display\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	OFF	2009/09/04 19:58
S49	309	(221/15).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/03/08 19:11
S50	4	((("4,653,668") or ("5,805,051"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/03/08 19:25
S51	24	("20010040500"   "20050047114"   "20060283831"   "3394829"   "4367955"   "4419016"   "4832218"   "5016230"   "5233571"   "5313439"   "5751661"   "6084504"   "6229431"   "6259794"   "6317390"   "6324123"   "6424599"   "6545592"   "6633796"   "6667036"   "6710703"   "6854064"   "7138906"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 19:36
S52	24	("4419016"   "4504153"   "4731765"   "4768176"   "4849948"   "4905213"   "4939705"   "5016230"   "5233571"   "5625334"   "5751660"   "5751661"   "5815586"   "5953288"   "6084504").PN. OR ("6545592").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 19:37
S53	17	("4419016"   "4849948"   "4939705"   "5016230"   "5233571"   "5313439"   "5625334"   "5751660"   "5751661"   "5852590"   "6158613"   "6229431"   "6317390"   "6324123"   "6633796"   "6710703"). PN. OR ("7362660"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 19:45

S54	16	("4504153"   "4731765"   "4768176"   "4905213"   "5233571"   "5751660"   "5751661"   "5815586"   "5953288").PN. OR ("6229431").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 19:46
S55	41	(221/16).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/03/08 19:52
S56	171	(221/8).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/03/08 19:55
S57	14	("2809083"   "2818970"   "2819814"   "4127190"   "4572403"   "4869394"   "5310082").PN. OR ("5405045").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 19:56
S58	21	("3227127"   "4372445"   "4460106"   "5050755"   "5052584"   "5239491").PN. OR ("5520307").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 19:59
S59	2	collins-michael.xa.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 20:06
S60	76	collins-michael\$2.xa.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 20:06
S61	7	("3730387"   "3889847"   "3991908"   "4141461"   "4322017"   "4613057"   "5123574").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 20:07
S62	39	("1717025"   "2630245"   "2729366"   "2828005"   "2869747"   "3730387"   "3840136").PN. OR ("3991908").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 20:08
S63	7	("3730387"   "3889847"   "3991908"   "4141461"   "4322017"   "4613057"   "5123574").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 20:12
S64	42	("3004566"   "3067787"   "3182694"   "3189222"   "3300090"   "3409172"   "3480182"   "3604593"   "3620413"   "3622041"   "3637109"   "3833147"   "3896968").PN. OR ("4653668").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 20:17
S65	374	(221/7).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/03/08 20:33

S66	28	("0425996"   "0998389"   "1066753"   "2774470"   "3323688"   "3332575"   "3344951"   "3410450"   "3687336"   "3871551"   "4557404"   "4638923"   "4763810"   "5104003"   "5152422").PN. OR ("5810198").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 21:12
S67	12	("1141392"   "2294001"   "3344951").PN. OR ("3687336").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 21:16
S68	23	("1204111"   "1286223"   "2002039"   "2191928"   "2204821"   "2446582"   "2944707"   "3129853"   "4032050").PN. OR ("4322017").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 22:13
S69	338	(221/6).CQLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/03/08 22:50
S70	711	(221/2).CQLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2010/03/08 23:05
S71	30	("2953242"   "3261455"   "3651984"   "3722739"   "3815780"   "3921806"   "4361408"   "4573606"   "4942544"   "5044516"   "5152422"   "5246136"   "5291191"   "5323929"   "5392952"   "5495961"   "5641091"   "5646912"   "5669503"   "5724021"   "5850937").PN. OR ("6194995").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 23:25
S72	27	("1577592"   "1744854"   "4207992"   "4572403"   "4674651"   "4748600"   "4809877"   "4911327"   "5000343"   "5004966"). PN. OR ("5323929"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/08 23:33

3/ 11/ 2010 8:53:22 PM

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